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UTILITY PATENT APPLICATION TRANSMITTAL <i>(Only for new nonprovisional applications under 37 CFR § 1.53(b))</i>		Attorney Docket No. 1481.0170000
		First Inventor or Application Identifier Steven Beck
		Title System, Method, and Computer Program Product for Weather and Terrestrial Vegetation-Based Water Renovation and Management Forecasting
		Express Mail Label No.

APPLICATION ELEMENTS <i>See MPEP chapter 600 concerning utility patent application contents.</i>		ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
<p>1. <input checked="" type="checkbox"/> * Fee Transmittal Form (<i>e.g., PTO/SB/17</i>) <i>(Submit an original, and a duplicate for fee processing)</i></p> <p>2. <input checked="" type="checkbox"/> Specification [Total Pages 110] <i>(preferred arrangement set forth below)</i> - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to Microfiche Appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (<i>if filed</i>) - Detailed Description - Claim(s) - Abstract of the Disclosure</p> <p>3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 41]</p> <p>4. <input checked="" type="checkbox"/> Oath or Declaration [Total Pages 4] a. <input type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (<i>for continuation/divisional with Box 17 completed</i>) <i>[Note Box 5 below]</i> i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR §§ 1.63(d)(2) and 1.33(b).</p> <p>5. <input type="checkbox"/> Incorporation By Reference (<i>useable if Box 4b is checked</i>) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.</p> <p>6. <input type="checkbox"/> Microfiche Computer Program (<i>Appendix</i>)</p> <p>7. Nucleotide and/or Amino Acid Sequence Submission (<i>if applicable, all necessary</i>) a. <input type="checkbox"/> Computer Readable Copy b. <input type="checkbox"/> Paper Copy (<i>identical to computer copy</i>) c. <input type="checkbox"/> Statement verifying identity of above copies</p>		
ACCOMPANYING APPLICATION PARTS <p>8. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))</p> <p>9. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee)</p> <p>10. <input type="checkbox"/> English Translation Document (<i>if applicable</i>)</p> <p>11. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>12. <input type="checkbox"/> Preliminary Amendment</p> <p>13. <input checked="" type="checkbox"/> Two Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i></p> <p>14. <input checked="" type="checkbox"/> *Small Entity Statement(s) <input type="checkbox"/> Statement filed in prior application, Status still proper and desired (PTO/SB/09-12)</p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i></p> <p>16. <input checked="" type="checkbox"/> Other: 37 C.F.R. § 1.136(a)(3) Authorization <input type="checkbox"/> Other: <i>*NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).</i></p>		
<p>17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:</p> <p><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-Part (CIP) of prior application No: _____ / _____</p> <p>Prior application information: Examiner _____ Group/Art Unit: _____</p>		

18. CORRESPONDENCE ADDRESS					
<input type="checkbox"/> Customer Number or Bar Code Label				or <input checked="" type="checkbox"/> Correspondence address below
NAME		STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C. Attorneys at Law			
ADDRESS		Suite 600, 1100 New York Avenue, N.W.			
CITY		Washington	STATE	DC	ZIP CODE
COUNTRY		USA	TELEPHONE	(202) 371-2600	FAX

NAME (Print/Type)	Michael C. Lee	Registration No. (Attorney/Agent)	35,239
SIGNATURE			

Burden Hour Statement: this form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

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**REGISTERED PATENT AGENTS

April 12, 2000

WRITER'S DIRECT NUMBER:

(202) 371-2674

INTERNET ADDRESS:

MLEE@SKGF.COM

Commissioner for Patents
Washington, D.C. 20231

Box Patent Application

Re: U.S. Non-Provisional Utility Patent Application under 37 C.F.R. § 1.53(b)
Appl. No. (to be assigned); Filed: (herewith) April 12, 2000
For: **System, Method, and Computer Program Product for Weather and
Terrestrial Vegetation-Based Water Renovation and Management
Forecasting**

Inventors: Beck *et al.*
Our Ref: 1481.0170000

Sir:

The following documents are forwarded herewith for appropriate action by the U.S.
Patent and Trademark Office:

1. PTO Fee Transmittal Form PTO/SB/17 (*in duplicate*);
2. PTO Utility Patent Application Transmittal Form (PTO/SB/05);
3. Statement Claiming Small Entity Status (37 C.F.R §§ 1.9(d) and 1.27 (c)) -
Small Business Concern;
4. U.S. Utility Patent Application entitled:

**System, Method, and Computer Program Product for Weather and
Terrestrial Vegetation-Based Water Renovation and Management
Forecasting**

and naming as inventors:

Assistant Commissioner for Patents
April 12, 2000
Page 2

Steven Beck
Sam D. Campbell
Frank deNoyelles
Stephen L. Egbert
Frederic D. Fox
David Penny
Stephen J. Randtke

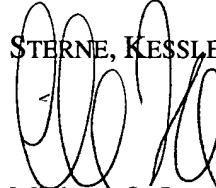
the application consisting of:

- a. A specification containing a total of 110 pages:
 - i. 102 pages of description prior to the claims;
 - ii. 7 pages of claims (28 claims);
 - iii. a one (1) page abstract;
- b. 41 sheet(s) of drawings: (Figures 1-5, 6A -6C, 7A-7B, 8A-8B, 9-35 and 36A-36I); and
- c. An original executed Combined Declaration and Power of Attorney for Patent Application;
5. Authorization to Treat a Reply As Incorporating An Extension of Time Under 37 C.F.R. § 1.136(a)(3);
6. Recordation Form Cover Sheet;
7. An original executed Assignment to Strategic Weather Services, Inc., recordation of which is hereby respectfully requested;
8. Two (2) return postcards; and
9. Our check No. 27222 for \$ 496.00 to cover:
 \$345.00 Filing fee for patent application;
 \$ 40.00 Assignment recordation fee(s); and
 \$111.00 Fee for excess claims.

Assistant Commissioner for Patents
April 12, 2000
Page 3

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this letter is enclosed.

Respectfully submitted,


STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Michael Q. Lee
Attorney for Applicants
Registration No. 35,239

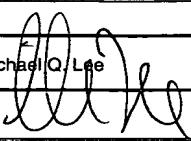
MQL/MAM/tp
Enclosures

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FEE TRANSMITTAL for FY 2000		Complete if Known	
<p>Patent fees are subject to annual revision. Small Entity payments <u>must</u> be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.</p>		Application Number	(to be assigned)
		Filing Date	(herewith) April 12, 2000
		First Named Inventor	Steven Beck
		Examiner Name	(to be assigned)
		Group / Art Unit	(to be assigned)
		Attorney Docket Number	1481.0170000
TOTAL AMOUNT OF PAYMENT		(\$496.00)	

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)				
1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:		3. ADDITIONAL FEES				
Deposit Account Number	19-0036		Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)
Deposit Account Name	Sterne, Kessler, Goldstein & Fox P.L.L.C.					
		<input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17				
2. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input checked="" type="checkbox"/> Other*		*Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. 19-0036.				
FEE CALCULATION						
1. BASIC FILING FEE						
Large Fee Code	Entity Fee (\$)	Small Fee Code	Fee Description	Fee Paid		
101	690	201	345 Utility filing fee	345.00		
106	310	206	155 Design filing fee			
107	480	207	240 Plant filing fee			
108	690	208	334 Reissue filing fee			
114	150	214	75 Provisional filing fee			
SUBTOTAL (1) (\$ 345.00)						
2. EXTRA CLAIM FEES						
	Extra	Fee from below	Fee Paid			
Total Claims	28 - 20** = 8	X 9.00	= 72.00			
Indep. Claims	4 - 3** = 1	X 39.00	= 39.00			
Multiple Dependent						
** or number previously paid, if greater; For Reissues, see below						
Large Fee Code	Entity Fee (\$)	Small Fee Code	Fee Description			
103	18	203	9 Claims in excess of 20			
102	78	202	39 Independent claims in excess of 3			
104	260	204	130 Multiple dependent claim			
108	78	209	39 **Reissue independent claims over original patent			
110	18	210	9 **Reissue claims in excess of 20 and over original patent			
SUBTOTAL (2) (\$ 111.00)						
SUBTOTAL (3) (\$ 40.00)						

SUBMITTED BY			Complete (if applicable)	
Type or Printed Name	Michael Q. Lee		Reg. Number	35,239
Signature			Date	4/12/2000
			Deposit Acct. User ID	

WARNING:

Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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SKG Rev. 2/2000 mac

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Beck *et al.*

Appl. No. (to be assigned)

Filed: (herewith) April 12, 2000

For: **System, Method, and Computer
Program Product for Weather and
Terrestrial Vegetation-Based
Water Renovation and
Management Forecasting**

Art Unit: (to be assigned)

Examiner: (to be assigned)

Atty. Docket: 1481.0170000

jc675 U.S. PTO
09/547791
04/12/00



**Authorization To Treat A Reply As Incorporating An Extension Of Time
Under 37 C.F.R. § 1.136(a)(3)**

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

The U.S. Patent and Trademark Office is hereby authorized to treat any concurrent or future reply that requires a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. The U.S. Patent and Trademark Office is hereby authorized to charge all required extension of time fees to our Deposit Account No. 19-0036, if such fees are not otherwise provided for in such reply. A duplicate copy of this authorization is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Michael Q. Lee
Attorney for Applicants
Registration No. 35,239

Date: _____

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